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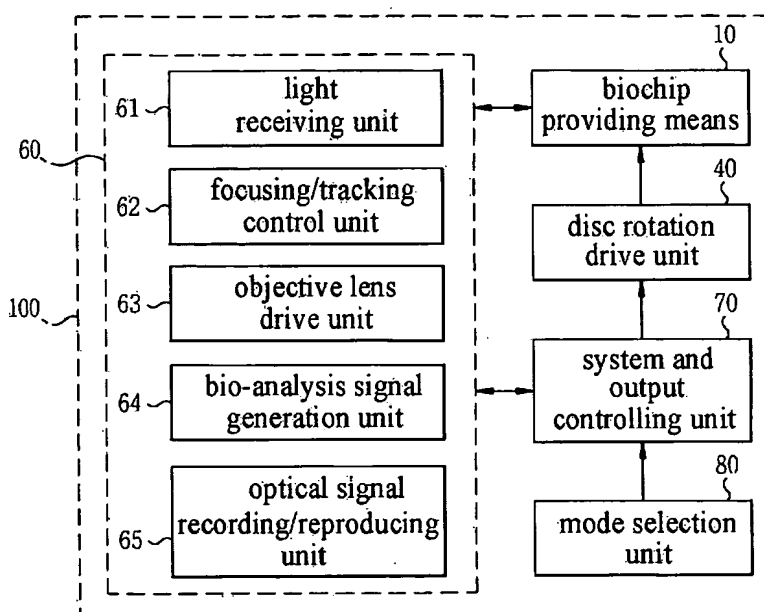
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(54) Title: **BIOCHIP ANALYSIS SYSTEM AND DIAGNOSIS SYSTEM HAVING BIOCHIP ANALYSIS APPARATUS**



(57) Abstract: The present invention relates to a biochip readout device for analyzing and reading out biochips in a rotation manner such that a biochip having been adopted in a non-rotation manner is mounted on an optical disc, and a diagnostic system with a biochip readout device. The biochip readout device comprises biochip cartridge shaped as a rotatable disc, wherein a biochip is installed on or within the disc, a disc rotation drive unit being driven such that the biochip cartridge is rotated, a light reception means for receiving a beam reflected from the disc, the light reception means having a light source scanning the disc with the beam, a focusing/tracking controlling unit for controlling a focusing and tracking operation using the beam received by the light reception means, an optical pick-up unit having an objective lens drive unit

for tracking a focus and track of the light source, an optical pick-up device having a bio analysis signal generation unit for receiving a light excited by the biochip and outputting a bio analysis signal and a system and output controlling unit for outputting monitoring bio analysis information, the system and output controlling unit having a signal processing unit for processing and analyzing the bio-analysis signal corresponding to bio analysis information to generate the monitoring bio analysis information.



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